sapience
Consultants and Engineers
(Building, Geo-Tech & Road Materials Testing Laboratory)

#B9-003, GANGA, Jnanabharathi Enclave,
Valagerahalli, Mysore Road, Bangalore 560059
Ph: 9448053634, 8762194386.
Email: sapiencebangalore@gmail.com

Name of Work : Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10), BBMP, Bengalore.

Name of Client	:	**Executive Engineer ,** R R Nagara Division, BBMP, Bangalore.
Contractor/Agency	:	**Sri C T Raju,** Contractor, Bangalore.
Total Cost	:	Rs. 66.47 Lakhs
Date of Inspection	:	28.06.2022
Status of Bill	:	3rd and Final Bill
Work order No.	:	EE/RRND/Wo.No/000083/2020-21
In the Presence of	:	(a) **Executive Engineer (W. No.17),** BBMP, Bangalore.
	:	(b) **Mr. Abhilash,** Engineer M/S Sapience Consultants and Engineers, Bangalore

Sl.No	Description of the Item		Comments / observations
1	Earthwork excavation by manual means in ordinary soil invoiving in average horizontal throw up to 2m & an average lift upto 1.5m.,	:	Work done up to the billed quantity and Quality is satisfactory
2	Plain cement concrete 1:3:6 mix with crushed stone aggregate 40 m nominal size mechanically mixed, placed in foundation and	:	Work done up to the billed quantity and Quality is satisfactory
3	Above 125 %	:	Work done up to the billed quantity and Quality is satisfactory
4	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with	:	Work done up to the billed quantity and Quality is satisfactory
5	Above 125 %	:	Work done up to the billed quantity and Quality is satisfactory
6	Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping	:	Work done up to the billed quantity and Quality is satisfactory
7	Above 125 %	:	Work done up to the billed quantity and Quality is satisfactory

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8	Providing & laying precast drain cover slab of 250 mm thickness in CM 1:3 including cost of all materials, labour, curing, transportation,	:	Work done up to the billed quantity and Quality is satisfactory
9	Above 125 %	:	Work done up to the billed quantity and Quality is satisfactory
10	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:-	:	Work done up to the billed quantity and Quality is satisfactory
11	Geophysical investigation of site for Sinking borewell for supplying drinking water to the habitations either through the hand	:	Work done up to the billed quantity and Quality is satisfactory
12	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata	:	Work done up to the billed quantity and Quality is satisfactory
13	50 to 100 m	:	Work done up to the billed quantity and Quality is satisfactory
14	100 to 150 m	:	Work done up to the billed quantity and Quality is satisfactory
15	150 to 200 m	:	Work done up to the billed quantity and Quality is satisfactory
16	200 to 250 m	:	Work done up to the billed quantity and Quality is satisfactory
17	250 to 300 m	:	Work done up to the billed quantity and Quality is satisfactory
18	300 to 350 m	:	Work done up to the billed quantity and Quality is satisfactory
19	350 to 400 m	:	Work done up to the billed quantity and Quality is satisfactory
20	400 to 420 m	:	Work done up to the billed quantity and Quality is satisfactory
21	Providing and fixing 250mm dia PVC (casing pipe) (page no.XXXI, SL no.909) (KPWD SR 2016-17)	:	Work done up to the billed quantity and Quality is satisfactory
22	Supply of ISI Mark 175mm nominal Bore, Plain end steel casing Pipe-grade of steel Fee 4100 of wakk thickness 504mm thick	:	Work done up to the billed quantity and Quality is satisfactory
23	Providing 175mm Dia M.S. Collar (P.No.iii,I.No.86) PRED SR 2012-13	:	Work done up to the billed quantity and Quality is satisfactory

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ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

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24	Providing 175mm dia Bore Cap CE (M) (P.No.iii,I.No.85) PRED SR 2012-13	:	Work done up to the billed quantity and Quality is satisfactory
25	Atalanta suguna CRI KIRLOSKAR and other equipments pumps 10.00 HP/7.5 KV (20 stage) (Pg No. XLI. Sl.no.29) KPWD SR-2018-	:	Work done up to the billed quantity and Quality is satisfactory
26	Providing and fixing in trenches galvinised/mild steel tube 50mm dia nominal bore with all fittings (earth work in trenches to	:	Work done up to the billed quantity and Quality is satisfactory
27	Supplying and drawing 3 core flat PVC sheathed submersible pump cable maufactured with electrolytic grade copper with flexible	:	Work done up to the billed quantity and Quality is satisfactory
28	Providing and fixing in position 50mm Nominal bore non-return valve vertical type of approved make including cost of all	:	Work done up to the billed quantity and Quality is satisfactory
29	Spplying and fixing 50mm GI Union.(PWD SR 2018-19,P-XXXIX)	:	Work done up to the billed quantity and Quality is satisfactory
30	Spplying and fixing 50mm GI Elbow.(PWD SR 2018-19,P-XXXIX)	:	Work done up to the billed quantity and Quality is satisfactory
31	Spplying and fixing 50mm GI Nipple.(PWD SR 2018-19,P-XXXIX)	:	Work done up to the billed quantity and Quality is satisfactory
32	Spplying and fixing 50mm GI Hose colleres(PWD SR 2018-19,P-XXXIX)	:	Work done up to the billed quantity and Quality is satisfactory
33	Supplying and fixing 20" x 20" x 2.5" polished wood board made of not less than 15mm thick plank on both the sides with planks made out	:	Work done up to the billed quantity and Quality is satisfactory
34	Supplying and fixing miniature circuit breakers on existing MCB distribution board using necessary fixing materials and 'C' type curve	:	Work done up to the billed quantity and Quality is satisfactory
35	Supplying of TPST with rewirable porcelain channels in SM encloser made out of 14 SWG powder coated point of approved colour 32	:	Work done up to the billed quantity and Quality is satisfactory
36	Supplying and fixing LED type panel board indicating lamp with required colour suitable for 220 V AC 50 HZ 12/24 V DC(PWD Ele	:	Work done up to the billed quantity and Quality is satisfactory
37	Suppling fully automatic star delta starter unit push button type with suitable wires 2 conductors and adjustable thermal timer	:	Work done up to the billed quantity and Quality is satisfactory

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38	Supplying and fixing single phase preventer using necessary wires over an existing panel board suitable for motar up to 20 HP	:	Work done up to the billed quantity and Quality is satisfactory
39	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade multistrand copper conductor single core wire in open or	:	Work done up to the billed quantity and Quality is satisfactory
40	Supplying fixing and wiring heavy duty low voltage capacitors conforming to IS 2834 phase 400/440 volts grade, for power factor	:	Work done up to the billed quantity and Quality is satisfactory
41	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cotouts and other equipments on the meter board using 40mm	:	Work done up to the billed quantity and Quality is satisfactory
42	Digging of trench of 0.36mtrs deepx0.5 mtrs wide refilling the trench to the required gorund level and consolidating etc., complete (PWD	:	Work done up to the billed quantity and Quality is satisfactory
43	Supplying laying 1.1 KV class LT UG cable having aluminium conductor PVC insulated extruded inner shethed galvanised steel strip	:	Work done up to the billed quantity and Quality is satisfactory
44	Labour charge for laying 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe/ on wall / on poles as required in existing	:	Work done up to the billed quantity and Quality is satisfactory
45	Supplying and fixing class-A(medium duty) GI pipe wall thickness not less then 3.25mm on pole/wall/drain crossing with necessary	:	Work done up to the billed quantity and Quality is satisfactory
46	Supplying and fixing LT cast iron pot heads suitable for 1.1KV class UG cable filled with necessary bitumen / insulating compound	:	Work done up to the billed quantity and Quality is satisfactory
47	Supplying and fixing porcelain fuse channel with cut out on the existing wooden block and wiring complete 63 amps(PWD Ele SR 2019-	:	Work done up to the billed quantity and Quality is satisfactory
48	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in	:	Work done up to the billed quantity and Quality is satisfactory
49	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches	:	Work done up to the billed quantity and Quality is satisfactory

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50	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and	:	Work done up to the billed quantity and Quality is satisfactory
51	Making connection of G.I.distribution branch with G.I.main of 25mm to 40mm. Nominal bore, including cutting and threading the	:	Work done up to the billed quantity and Quality is satisfactory
52	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold	:	Work done up to the billed quantity and Quality is satisfactory
53	Providing and fixing to wall, ceiling and floor Medium density polyethylene pipes 6.00 kgf/sq.cm working pressure 25mm outside	:	Work done up to the billed quantity and Quality is satisfactory
54	KSRB 2-4 : Refilling available around earth pipe lines,cables in layers mot exceeding 20cms in depth, compacting each deposited	:	Work done up to the billed quantity and Quality is satisfactory
55	Loading and unloading of stone boulder/stone aggregates/sand/kanker/ moorum. KSRRB M100-1:Placing tipper at loading point, loading	:	Work done up to the billed quantity and Quality is satisfactory
56	KSRB 2-4 : Providing and fixing in position brass gate valve with C.I.wheel of approved quality (screwed end) 50mm nominal bore	:	Work done up to the billed quantity and Quality is satisfactory
57	KSRB13-6.2-1 : Providing and fixing in position brass stop cock of approved quality 15mm nominal bore including cost of all	:	Work done up to the billed quantity and Quality is satisfactory
58	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size	:	Work done up to the billed quantity and Quality is satisfactory

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